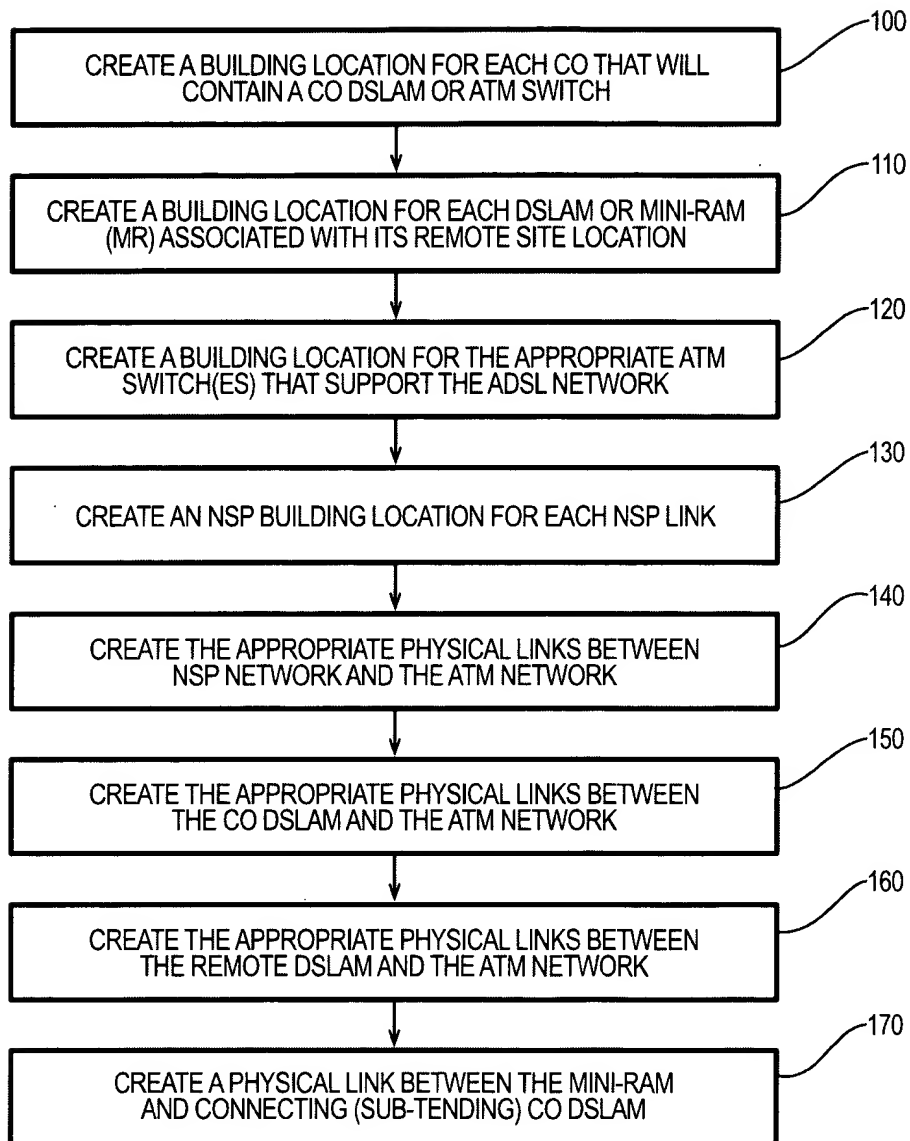
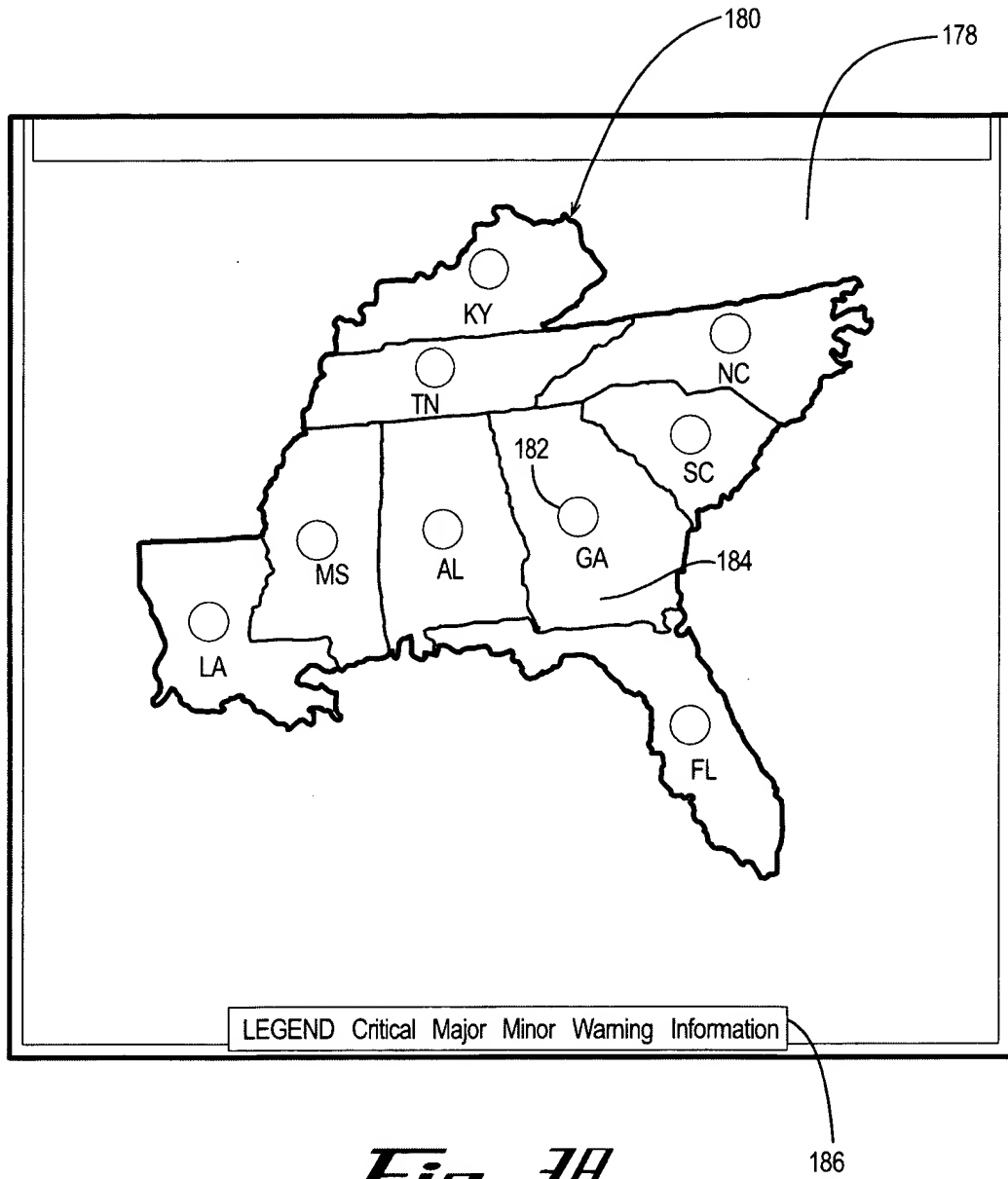
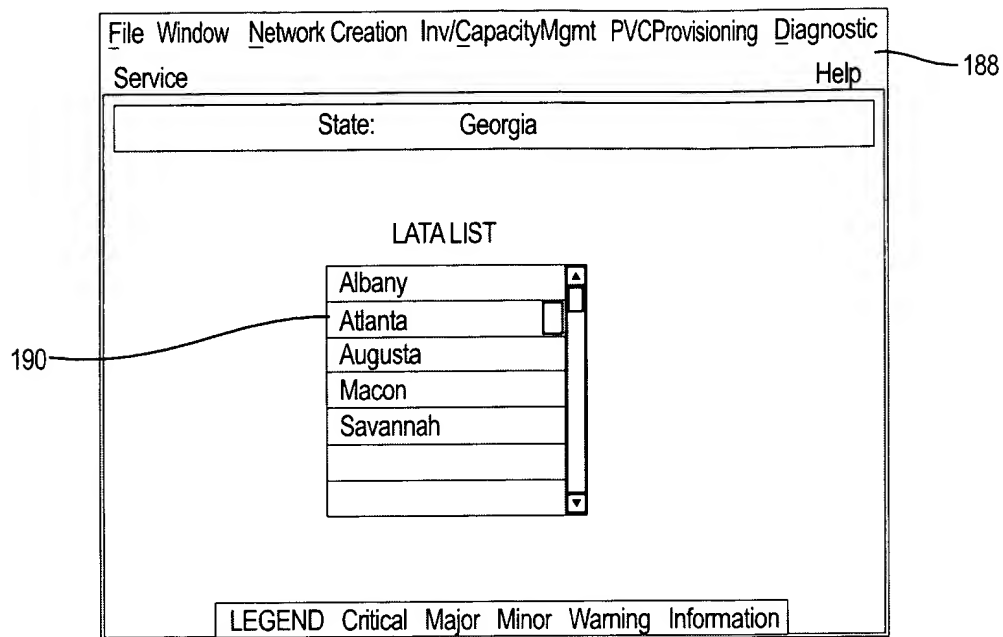
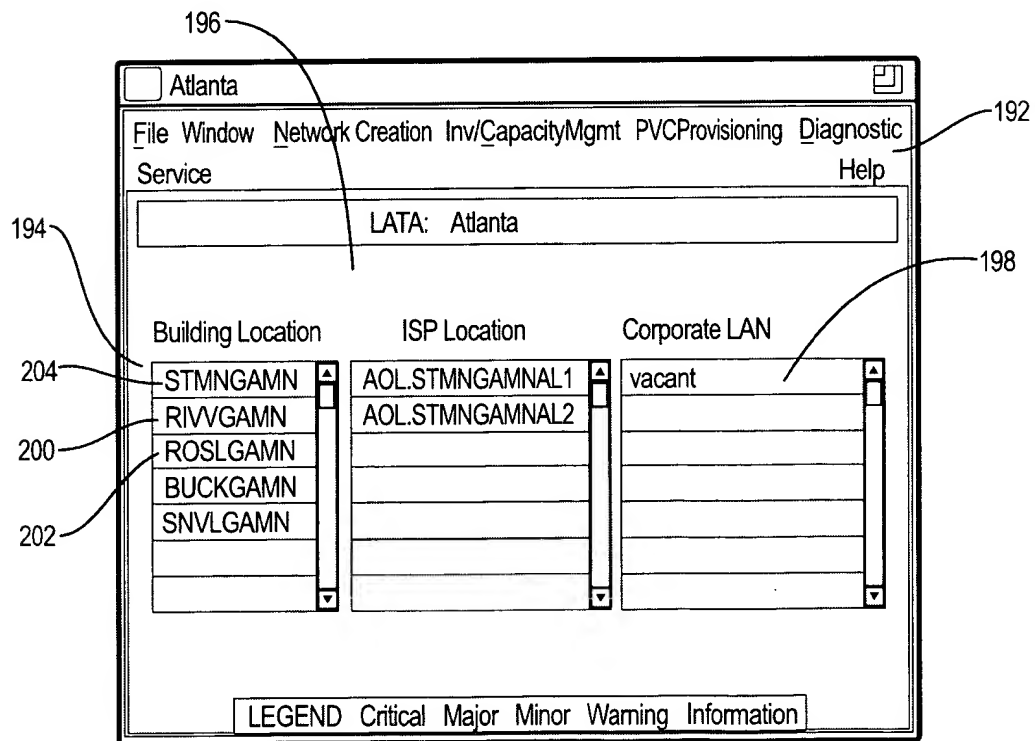


Fig. 1

*Fig. 2*



*Fig. 3B**Fig. 3C*

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206

208

212

214

STMNGAMN

File Window Network Creation Inv/CapacityMgmt PVCProvisioning Diagnostic Service Help

Building Loc: STMNGAMN

DSLAM	Remote Site	ATM Switch
vacant	STMNGAMNH01	STMNGAMNA01
	ROSLGAU0002	STMNGAMNAT1

LEGEND Critical Major Minor Warning Information

Fig. 3D

220

216

218

222

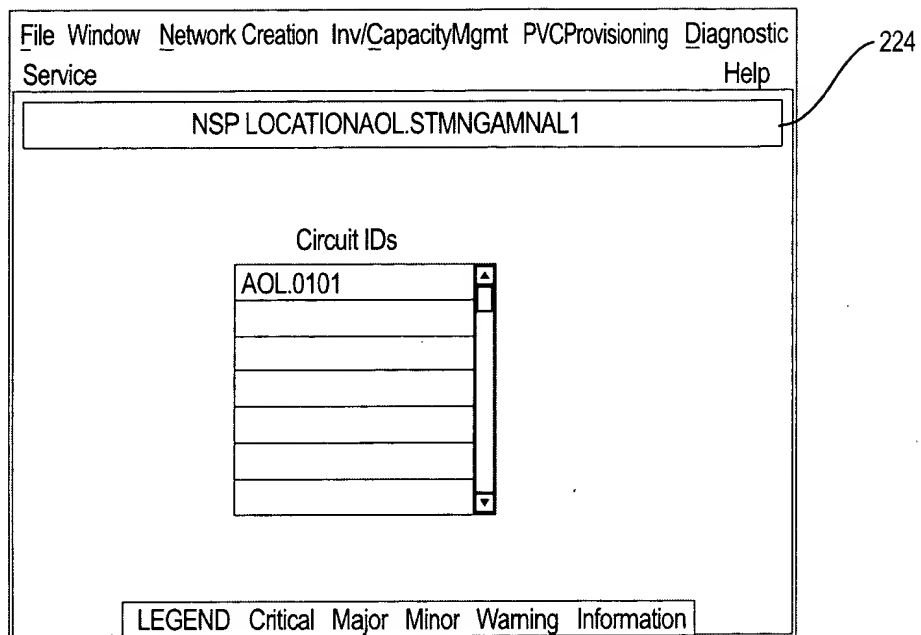
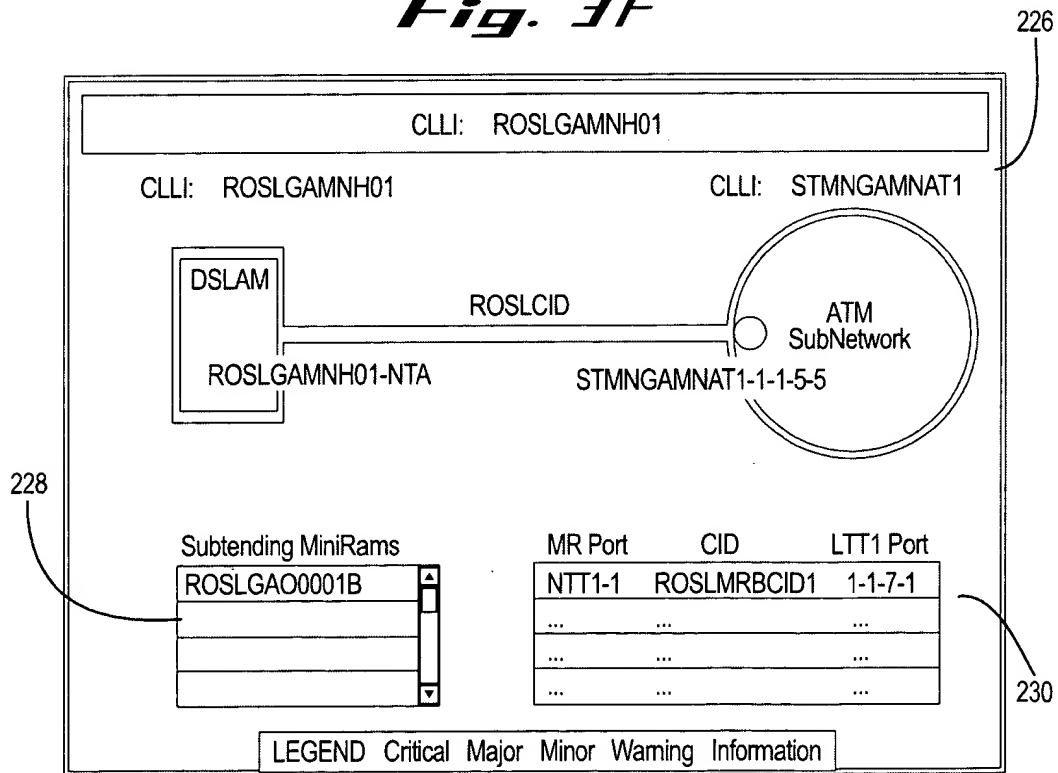
File Window Network Creation Inv/CapacityMgmt PVCProvisioning Diagnostic Service Help

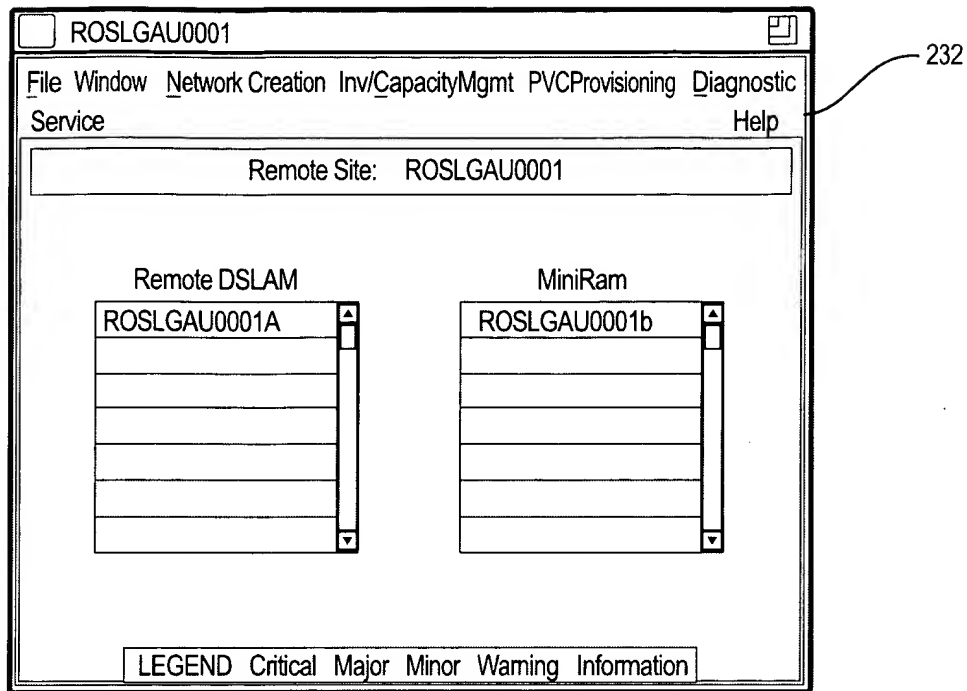
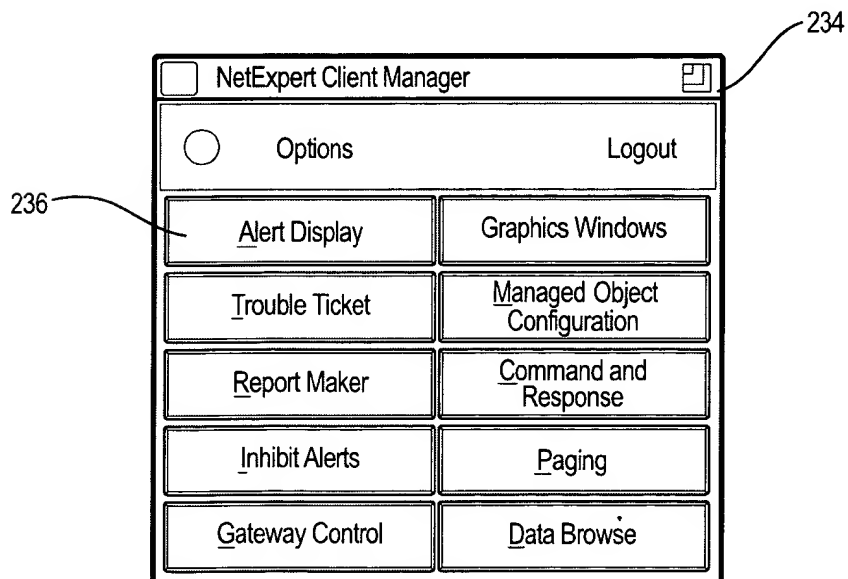
ATM: STMNGAMNAT1

DSLAM	Service Gateway	NSP Location
STMNGAMNH01	vacant	AOL.AOL1GAMNH01
CLWGGAMNH01		PRDIGY.AOL1GAMN
BUCKGAMNH01		
ROSLGAMNH01		

LEGEND Critical Major Minor Warning Information

Fig. 3E

*Fig. 3F**Fig. 3G*

*Fig. 3H**Fig. 3I*

240

238

Alert Summary

☐ Display Alert Window Resources Quit

Alert Total:

Critical:	<input type="text" value="1"/>	Acknowledged:	<input type="text" value="0"/>
Major:	<input type="text" value="4"/>	Unacknowledged:	<input type="text" value="7"/>
Minor:	<input type="text" value="0"/>	Acknowledged By You:	<input type="text" value="0"/>
Warning:	<input type="text" value="2"/>	Without Ticket:	<input type="text" value="7"/>
Indeterminate:	<input type="text" value="0"/>	With Ticket:	<input type="text" value="0"/>

Fig. 3d

☐ Alert Display Window: 1

☐ Display
Alert Management
Trouble Ticket
Device Mgmt
Quit

Sort: Severity - Oldest Create time First
▼
Include Filter:

▼

Column Det: NetExpert Default
▼
Exclude Filter:

▼

AMO	Description	Count	Create Time	TT	Operator	Class	Create Date	Manager
ServiceOrderInf	SOCS gateway is not responding	145:	16:20:03		SOCS		07/09/98	Serviced
STMNGAMN001 prov	AdslPort CLWGGAMNH01-1-1-6-4 C	20:	11:31:33		AwsProv		06/30/98	STMNGAMN
hnm	Atm)c3Port STMNGAMNATI-1-1-5-3	1	10:56:38		NMSOperator		06/30/98	applayer

Fig. 3K

On-Line Advisor Quit

Alert ID: 534
Manager Class: SOCS
Manager: ServiceOrderInf
Affected Managed Object Class: SOCS
Affected Managed Object: ServiceOrderInf

◇ Fields ◇ Causes and Actions ◇ Events & Raw Data

Severity: Critical Count: 146
Alert Type: TransmissionAlarm
Problem Type: lossOfSignal
Created: 07/09/98 16:20:03 Updated: 07/10/98 16:47:24
Acknowledged:
By:
Alert Description:
SOCS gateway is not responding:
Detail Description:

Fig. 3L

Translate Port Name

COSMOS Port: I

Exchange Key: I

Translate

Alcatel Port: I

Translate

LFACS Port: I

Remote Site CLLI: I

Translate

Display Only

COSMOS/LFACS Port: ...I

Alcatel Port: ...I

Close

250

Fig. 4H

Diagnostic - Customer PVC

Customer ID:

PVC ID:

252

Fig. 4B

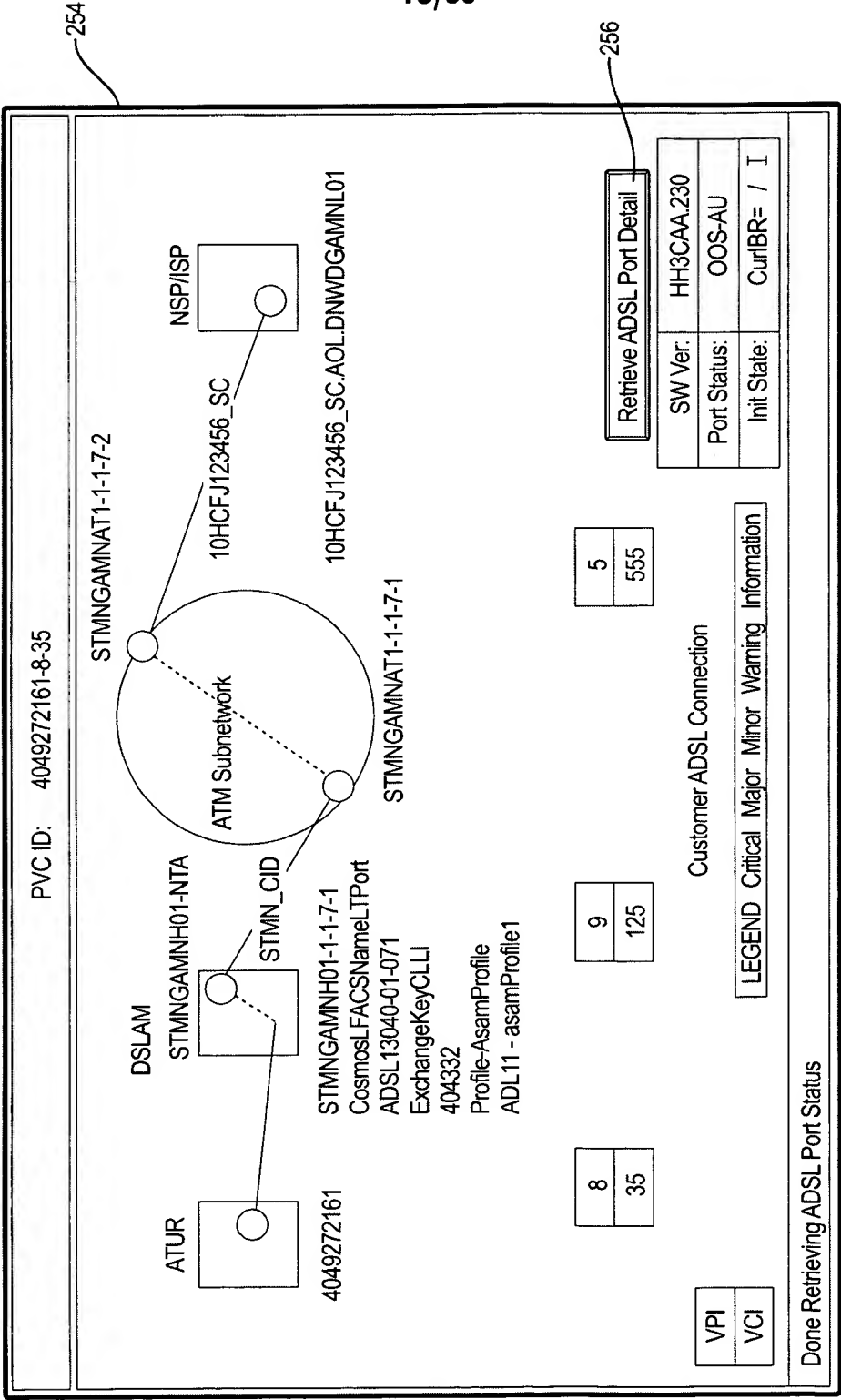


Fig. 4L

258

260

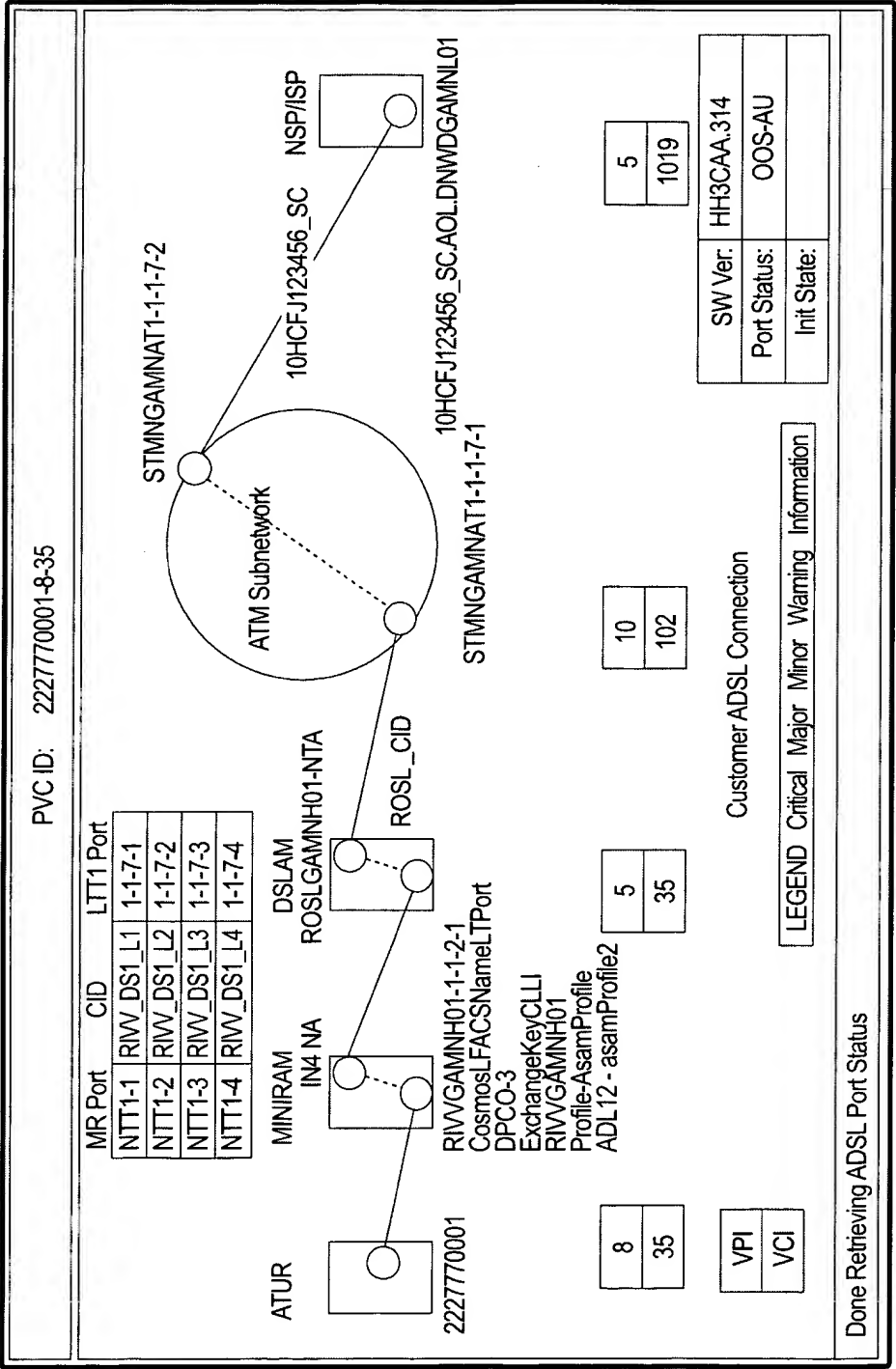


Fig. 4D

Find Circuit Name

ATM Port + Vpi/Vci

CLL1:

Port: ▼

VPI:

VCI:

OK

Close

...I

262

Fig. 4E

16/33

Affected End Users by DSLAM or ATM Port

DSLAM or ATM Port

CLL1: STMNGAMNH01

Port: STMNGAMNH01-NTA ▼

OK Close

Done Retrieving Customers for the Port

264

Fig. 4F

Affected End Users of STMNGAMNH01-NTA

PVD ID	ADSL Port ID	Subscriber
4042920018-0-32	TMNGAMNH01-1-1-4-4	TEST: AD
4042920017-0-32	TMNGAMNH01-1-1-4-3	TEST: AD
4042920016-0-32	TMNGAMNH01-1-1-4-2	TEST: AD
4042920015-0-32	TMNGAMNH01-1-1-4-1	TEST: AD
4042920014-0-32	TMNGAMNH01-1-1-3-4	TEST: AD
4042920003-0-32	TMNGAMNH01-1-1-1-1	TEST: AD
4042920004-0-32	TMNGAMNH01-1-1-1-2	TEST: AD
4042920005-0-32	TMNGAMNH01-1-1-1-3	TEST: AD
4042920030-0-32	TMNGAMNH01-1-1-8-1	TEST: AD
4042920020-0-32	TMNGAMNH01-1-1-5-2	TEST: AD
4042920019-0-32	TMNGAMNH01-1-1-5-1	TEST: AD

Close

266

Fig. 4G

Affected End Users - by NSP CID

NSP CID:

OK Close

268

Fig. 4H

DSLAM/Miniram Assigned Port History

CLLI:

Date	CO-DSLAM	DSLAM-Subnetwork
04-02-1999	0	0
04-02-1999	0	0
04-02-1999	0	0
04-02-1999	0	4
04-02-1999	0	4
04-02-1999	0	4
04-02-1999	0	4
04-02-1999	0	4
04-02-1999	0	4
04-02-1999	0	4

OK Close

Done getting Assigned Port History for the DSLAM - ROSLGAMNH01

270

Fig. 5A

Total Available and Assigned ADSL Ports - DSLAM

DSLAM CLI:

DSLAM

Total Available ADSL Ports:

Cross-connected ADSL Ports:

Port Availability Threshold:

Subnetwork

Subnetwork % Utilization:

Subnetwork % Utilization Threshold:

Subtending MiniRams:

Name	PercentUtilization	TshPercentUtilization
SNVLGAMNH01	0	90
RIVVGAMNH01	37	90
SNVLGAMNH01	0	90
RIVVGAMNH01	37	90
SNVLGAMNH01	0	90

Done Getting Capacity

272

Fig. 5B

Total Available and Assigned ADSL Ports - DSLAM

Mini-Ram CLLI:

Total Available ADSL Ports:

Cross-connected ADSL Ports:

Saturation Threshold:

OK Close

Done Getting Capacity

274

Fig. 5C

Capacity Management - Thresholds

Type of Equipment: CO DSLAM

Ports: 576

Editable Threshold Data

Available Port Threshold 50

Saturation Threshold: 50 %

OK Close

Done getting Capacity for the DSLAM

276

Fig. 50

Capacity Management - DSLAM Thresholds

CLLI:

Saturation Threshold: % 0 - To use Defaults

Saturation Threshold Alarm Inhibited: 0 - Enabled 1 - Inhibited

Available Port Threshold: 0 - To use Defaults

Available Ports Alarm Inhibited: 0 - Enabled 1 - Inhibited

...I

278

Fig. 5E

Capacity Management - MiniRam Thresholds

CLLI:

Saturation Threshold: % 0 - To use Defaults

Saturation Threshold Alarm Inhibited: 0 - Enabled 1 - Inhibited

...I

280

Fig. 5F

DSLAM/MiniRam Port Inventory

CLLI:

Type	Cosmos/LFACS	Assigned	Status	Denied	Subtending
RIVVGAMNH01-1-1-1-1	ADSL	*****		N	00S-AU
RIVVGAMNH01-1-1-1-2	ADSL	*****		N	00S-AU
RIVVGAMNH01-1-1-1-3	ADSL	*****		N	00S-AU
RIVVGAMNH01-1-1-1-4	ADSL	*****		N	00S-AU
RIVVGAMNH01-1-1-1-1	ADSL	*****		N	00S-AUMA
RIVVGAMNH01-1-1-1-2	ADSL	*****		N	00S-AUMA
RIVVGAMNH01-1-1-1-3	ADSL	*****		N	00S-AUMA
RIVVGAMNH01-1-1-1-4	ADSL	*****		N	00S-AUMA

Completed Getting MiniRam Inventory

282

Fig. 5G

DSLAM/MiniRam Port Inventory

CLLI:

Card	Type	SW Version	Vendor	Serial #	Status
RIVVGAMNH01-1-1-1	ADLT-E	HH3CAA.314	ALCL	983325106	IS-NR
RIVVGAMNH01-1-1-2	ADLT-E	HH3CAA.314	ALCL	983409651	IS-NR

Completed Getting MiniRam Inventory

284

Fig. 5H

Add Bulk PVC

Old ATM Port Info

Old NSP CID:

New ATM Port Info.

CLLI:

Rack:

Shelf:

Slot:

Port:

Optional Date and Time

Due Date: Time:

...I

286

Fig. 6A

288

Edit Bulk PVC

Order Number: ▼

...I

Fig. 6B

290

Edit Bulk PVC: NO1CID-0-0-0

Old ATM Port Info.	
Old NSP CID:	NO1CID

New ATM Port Info.	
CELLI:	STMNGAMNAT1
Rack:	1
Shelf:	1
Slot:	5
Port:	7

Optional Date and Time	
Due Date: ...I	Time: ...I

OK Close

Done Retrieving <NO1CID-0-0-0> Bulk PVC Order I

Fig. 6C

26/33

Delete Bulk PVC

Order Number: ▼

OK Close

...I

292

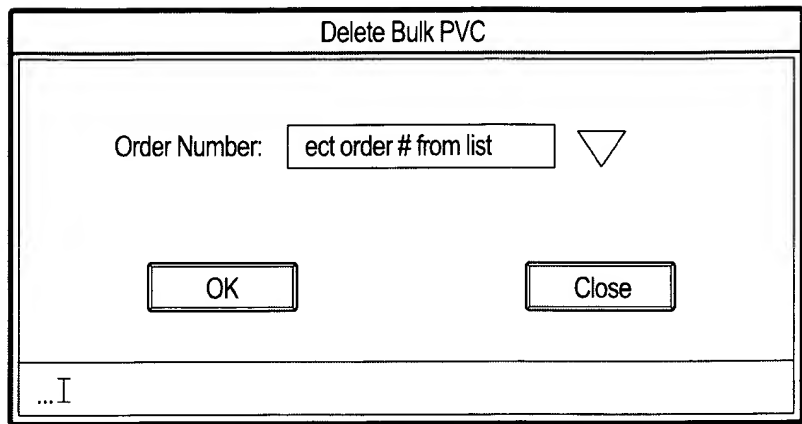
A rectangular dialog box with a title bar "Delete Bulk PVC". The main area contains a label "Order Number:" followed by a text input field containing "ect order # from list" and a downward-pointing triangle icon. Below the input field are two buttons: "OK" and "Close". At the bottom left, there is a status bar with the text "...I". A leader line points from the number "292" to the right side of the dialog box.

Fig. 6D

Deny Customer Service

Customer ID:

OK Close

...I

294

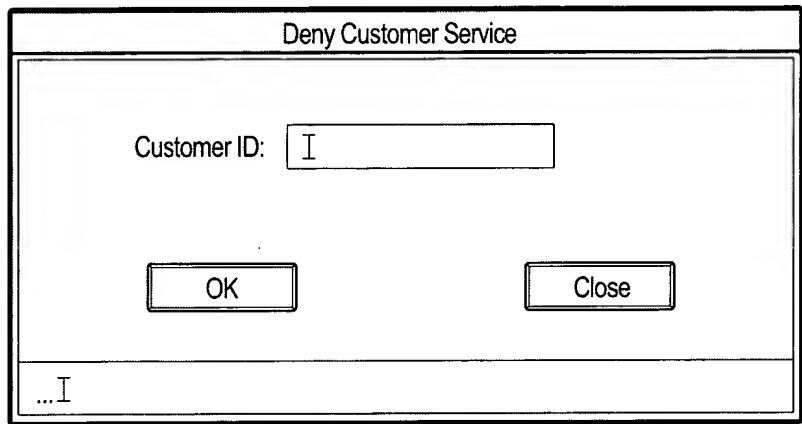
A rectangular dialog box with a title bar "Deny Customer Service". The main area contains a label "Customer ID:" followed by a text input field containing "I". Below the input field are two buttons: "OK" and "Close". At the bottom left, there is a status bar with the text "...I". A leader line points from the number "294" to the right side of the dialog box.

Fig. 6E

Restore Customer Service

Customer ID: ▼

OK Close

...I

296

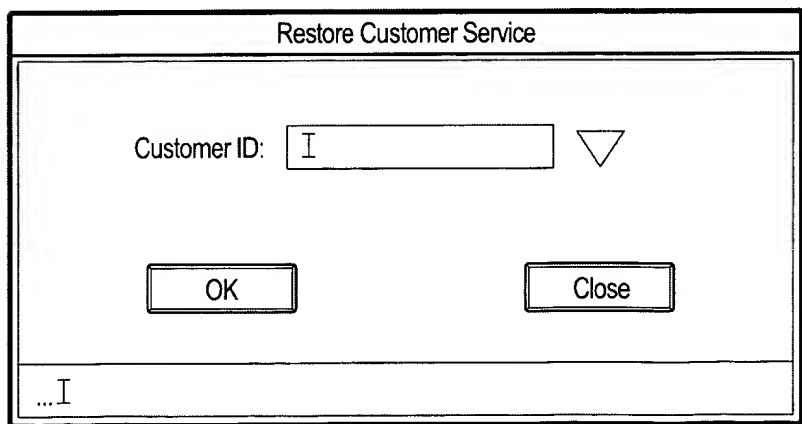
A rectangular dialog box with a title bar "Restore Customer Service". The main area contains a label "Customer ID:" followed by a text input field containing "I" and a downward-pointing triangle icon. Below the input field are two buttons: "OK" and "Close". At the bottom left, there is a status bar with the text "...I". A leader line points from the number "296" to the right side of the dialog box.

Fig. 6F

Edit Pending Service Order	
Service Order Header	
Service Order:	CORIW01
Due Date:	19990206
Service Order Detail	
4041110001-8-35-ser-1	▼
Edit Service	
OK	Close
...I	

Fig. 66

Edit Service Order Detail

Editable Data

Atur VPI:	8
Atur VCI:	35

COSMOS/LFACS:	COSMOS ▾
COSMOS/LFACS pORT:	DPG1-1
Exchange Key/CLL:	RIVGAMNH01

NSP CIT:)HCFJ123456_SC
NSP VPI:	2
NSP VCI:	201

Change USOC: ADL11 ▾

Display Only Data

ADSL Port:	UNKNOWN	COSMOS/LFACS:	LFACS
USOC:	ADL12		

OK Close

...I

300

Fig. 6H

Modify Customer Record Information

Customer ID:

Modifiable Fields

Name:

Address:

ZIP Code:

OK Close

...I

302

Fig. 6I

Delete Service Order

SO Number:

OK Close

...I

304

Fig. 6J

Modify Customer Profile

Customer ID:

PVC ID: ▼

Profile:

...I

306

Fig. 6K

Delete Physical Link

Circuit ID:

I

308

A rectangular dialog box with a title bar 'Delete Physical Link'. Inside, there is a label 'Circuit ID:' followed by a text input field containing the letter 'I'. Below this are two buttons: 'OK' and 'Close'. At the bottom left, there is a status bar containing the letter 'I'. A leader line points from the number '308' to the right side of the dialog box.

Fig. 1A

Delete NSP Location

NSP:

NSP CLI: ▾

...I

310

A rectangular dialog box with a title bar 'Delete NSP Location'. Inside, there are two labels: 'NSP:' followed by a text input field containing 'I', and 'NSP CLI:' followed by a text input field and a downward-pointing triangle icon. Below these are two buttons: 'OK' and 'Close'. At the bottom left, there is a status bar containing the text '...I'. A leader line points from the number '310' to the right side of the dialog box.

Fig. 1B

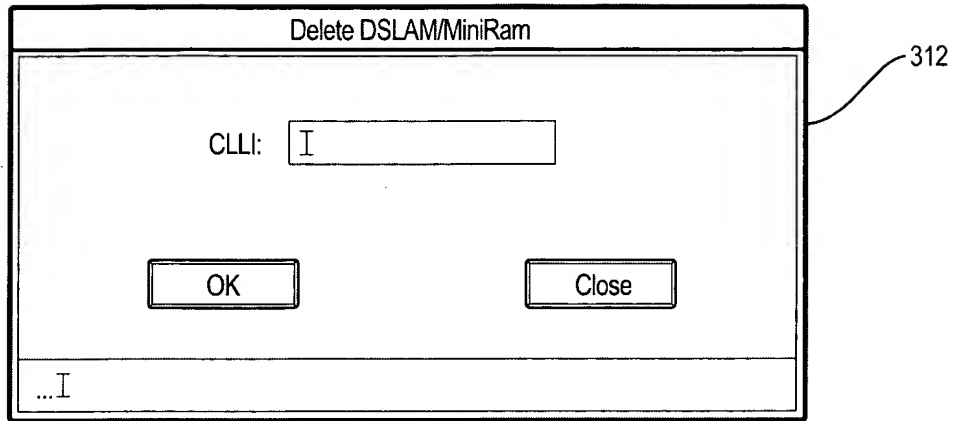


Fig. 11

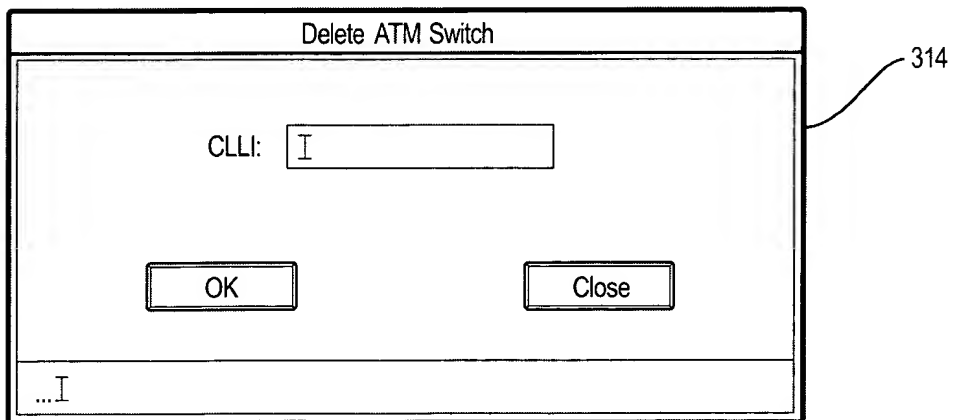


Fig. 10

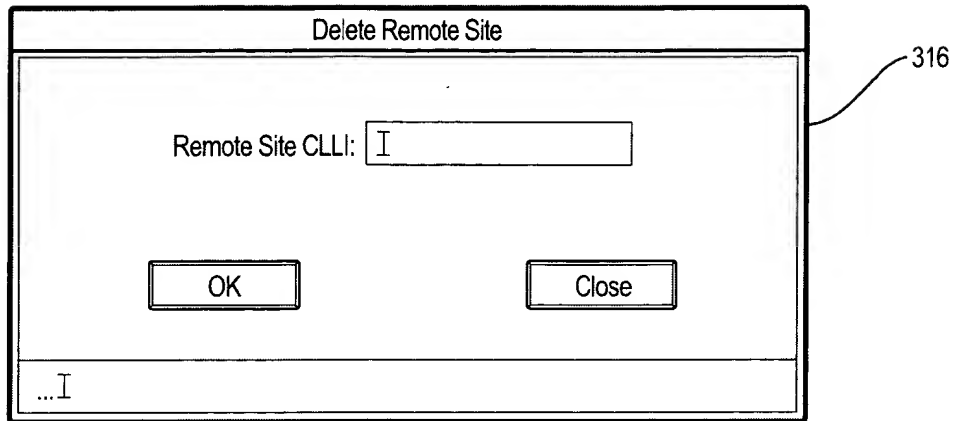


Fig. 1E

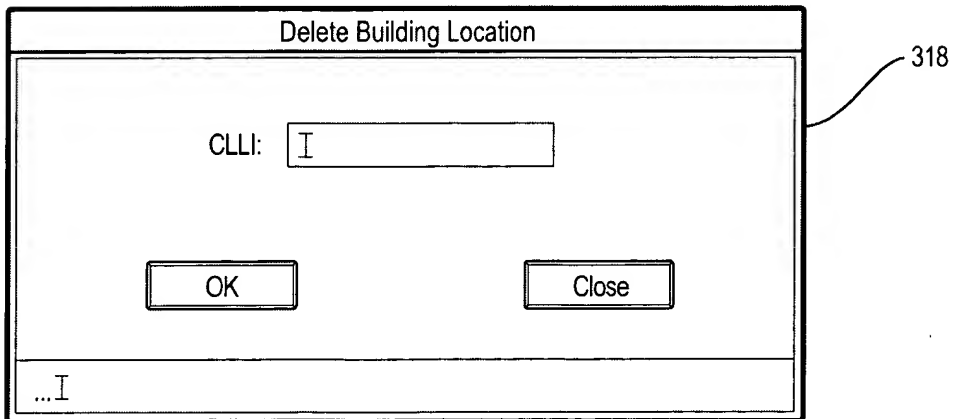


Fig. 1F